

Working Map 12/9/11 - Compactness and Competitiveness Measures

District	Compactness			Competitiveness Index 2			Competitiveness Index 3			Competitiveness Index 4			Competitiveness Index 5		
	Reock	Perimeter	Polsby-Popper	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff
1	0.37	2036.07	0.18	50.1%	49.9%	0.2%	47.8%	52.2%	4.4%	52.0%	48.0%	4.0%	50.3%	49.7%	0.6%
2	0.39	507.15	0.24	50.4%	49.6%	0.8%	50.3%	49.7%	0.6%	52.6%	47.4%	5.2%	52.1%	47.9%	4.2%
3	0.27	872.21	0.26	39.3%	60.7%	21.4%	37.4%	62.6%	25.2%	42.6%	57.4%	14.8%	40.8%	59.2%	18.4%
4	0.37	1810.77	0.12	64.2%	35.8%	28.4%	64.1%	35.9%	28.2%	64.9%	35.1%	29.8%	64.7%	35.3%	29.4%
5	0.55	84.40	0.52	63.6%	36.4%	27.2%	64.5%	35.5%	29.0%	65.9%	34.1%	31.8%	66.0%	34.0%	32.0%
6	0.47	185.27	0.22	59.7%	40.3%	19.4%	60.7%	39.3%	21.4%	61.8%	38.2%	23.6%	61.9%	38.1%	23.8%
7	0.56	77.17	0.43	32.2%	67.8%	35.6%	31.0%	69.0%	38.0%	37.9%	62.1%	24.2%	36.0%	64.0%	28.0%
8	0.44	248.04	0.45	61.0%	39.0%	22.0%	61.1%	38.9%	22.2%	62.7%	37.3%	25.4%	62.4%	37.6%	24.8%
9	0.33	112.58	0.17	48.9%	51.1%	2.2%	49.8%	50.2%	0.4%	52.8%	47.2%	5.6%	52.5%	47.5%	5.0%

5933.66

District	Competitiveness Index 6			Competitiveness Index 7			Competitiveness Index 8			Competitiveness Index 9			All Registration			Reg 2-Way	
	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	% REP	% DEM	% OTH	% REP	% DEM
1	49.9%	50.1%	0.2%	48.6%	51.4%	2.8%	49.7%	50.3%	0.6%	48.1%	51.9%	3.8%	30.1%	39.6%	30.2%	43.2%	56.8%
2	50.1%	49.9%	0.2%	50.1%	49.9%	0.2%	50.0%	50.0%	0.0%	50.0%	50.0%	0.0%	34.6%	34.3%	31.0%	50.2%	49.8%
3	40.0%	60.0%	20.0%	38.7%	61.3%	22.6%	39.5%	60.5%	21.0%	38.1%	61.9%	23.8%	21.9%	43.1%	35.1%	33.7%	66.3%
4	63.5%	36.5%	27.0%	63.6%	36.4%	27.2%	63.6%	36.4%	27.2%	63.7%	36.3%	27.4%	41.5%	23.3%	35.2%	64.0%	36.0%
5	64.2%	35.8%	28.4%	64.6%	35.4%	29.2%	63.7%	36.3%	27.4%	64.4%	35.6%	28.8%	44.4%	22.3%	33.3%	66.6%	33.4%
6	59.8%	40.2%	19.6%	60.4%	39.6%	20.8%	59.5%	40.5%	19.0%	60.3%	39.7%	20.6%	41.4%	24.7%	33.9%	62.6%	37.4%
7	35.3%	64.7%	29.4%	34.0%	66.0%	32.0%	34.0%	66.0%	32.0%	32.7%	67.3%	34.6%	17.7%	44.2%	38.1%	28.6%	71.4%
8	61.1%	38.9%	22.2%	61.1%	38.9%	22.2%	60.8%	39.2%	21.6%	60.9%	39.1%	21.8%	41.1%	25.9%	33.0%	61.3%	38.7%
9	50.1%	49.9%	0.2%	50.4%	49.6%	0.8%	49.4%	50.6%	1.2%	50.0%	50.0%	0.0%	33.5%	31.3%	35.1%	51.7%	48.3%

Index 2: Average of 2008 and 2010, each year weighted equally

Index 3: Average of 2008, 2010 and % of major party Registration, each of the three components weighted equally

Index 4: Average of 2004, 2006, 2008 and 2010, each year weighted equally

Index 5: Average of 2004, 2006, 2008, 2010 and % of major party registration, each component weighted equally

Index 6: Average of 2004, 2006, 2008 and 2010, each year weighted equally, Races where one candidate received more than 60% of the 2-way vote removed

Index 7: Average of 2004, 2006, 2008, 2010, and major party registration, each year weighted equally, Races where one candidate received more than 60% removed

Index 8: 1/3 2010, 1/3 2008, and 1/6 2004, and 1/6 2006, Races where one candidate received more than 60% of the 2-way vote removed

Index 9: 1/4 2010, 1/4 2008, 1/8 2006, 1/8 2004, and 1/4 major party registration, Races where one candidate received more than 60% of the 2-way vote removed